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1215 ***João F. Lacerda, Marc Ladanyi, Diane C. Louie, José M. Fernandez, Esperanza B. Papadopoulos, and Richard J. O'Reilly.*** Human Epstein-Barr virus (EBV)-specific cytotoxic T lymphocytes home preferentially to and induce selective regressions of autologous EBV-induced B cell lymphoproliferations in xenografted C.B-17 *Scid/Scid* mice

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1229 ***C. William Angus, Alex Tu, Peter Vogel, Mei Qin, and Joseph A. Kovacs.*** Expression of variants of the major surface glycoprotein of *Pneumocystis carinii*

1235 ***Bettina B. Ernst, Charles D. Surh, and Jonathan Sprent.*** Bone marrow–derived cells fail to induce positive selection in thymus reaggregation cultures

1241 ***Tarik Khair-El-Din, Stanley C. Sicher, Miguel A. Vazquez, Gary W. Chung, Kerry A. Stallworth, Kenichiro Kitamura, R. Tyler Miller, and Christopher Y. Lu.*** Transcription of the murine iNOS gene is inhibited by docosahexaenoic acid, a major constituent of fetal and neonatal sera as well as fish oils

1247 ***Yvette van Kooyk, Minke E. Binnerts, Caroline P. Edwards, Mark Champe, Phillip W. Berman, Carl G. Figdor, and Sarah C. Bodary.*** Critical amino acids in the lymphocyte function–associated antigen-1 I domain mediate intercellular adhesion molecule 3 binding and immune function

1253 ***W.W. Kwok, M.E. Domeier, M.L. Johnson, G.T. Nepom, and D.M. Koelle.*** HLA-DQB1 codon 57 is critical for peptide binding and recognition

1259 ***Min Li, Urs Wirthmueller, and Jeffrey V. Ravetch.*** Reconstitution of human FcγRIII cell type specificity in transgenic mice

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1271 ***Eugene E. Varfolomeev, Mark P. Boldin, Tanya M. Goncharov, and David Wallach.*** A potential mechanism of "cross-talk" between the p55 tumor necrosis factor receptor and Fas/APO1: proteins binding to the death domains of the two receptors also bind to each other

1277 ***Toshiaki Ohteki and H. Robson MacDonald.*** Stringent Vβ requirement for the development of NK1.1$^+$ T cell receptor–α/β$^+$ cells in mouse liver

1283 ***Correction***

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1311 ***Karine Vidal, Benjamin L. Hsu, Calvin B. Williams, and Paul M. Allen.*** Endogenous altered peptide ligands can affect peripheral T cell responses

1323 ***Michael R. DiNapoli, Cesar L. Calderon, and Diana M. Lopez.*** The altered tumoricidal capacity of macrophages isolated from tumor-bearing mice is related to reduced expression of the inducible nitric oxide synthase gene

1331 ***Tadeja Bevec, Veronika Stoka, Galina Pungerčič, Iztok Dolenc, and Vito Turk.*** Major histocompatibility complex class II–associated p41 invariant chain fragment is a strong inhibitor of lysosomal cathepsin L

1339 ***Joy A. Phillips, Carole G. Romball, Monte V. Hobbs, David N. Ernst, Leonard Shultz, and William O. Weigle.*** CD4$^+$ T cell activation and tolerance induction in B cell knockout mice

1345 ***Luigina Romani, Antonella Mencacci, Elio Cenci, Roberta Spaccapelo, Carlo Toniatti, Paolo Puccetti, Francesco Bistoni, and Valeria Poli.*** Impaired neutrophil response and CD4$^+$ T helper cell 1 development in interleukin 6–deficient mice infected with *Candida albicans*

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1367 ***Christine Zimmermann, Karin Brduscha-Riem, Claudine Blaser, Rolf M. Zinkernagel, and Hanspeter Pircher.*** Visualization, characterization, and turnover of CD8$^+$ memory T cells in virus-infected hosts

1377 ***Chantal Lagresle, Paul Mondière, Chantal Bella, Peter H. Krammer, and Thierry Defrance.*** Concurrent engagement of CD40 and the antigen receptor protects naive and memory human B cells from APO-1/Fas–mediated apoptosis

1389 ***Gary S. Gilkeson, Philip Ruiz, Anne M.M. Pippen, Audrey L. Alexander, James B. Lefkowith, and David S. Pisetsky.*** Modulation of renal disease in autoimmune NZB/NZW mice by immunization with bacterial DNA

1399 ***Malte Peters, Stephan Jacobs, Marc Ehlers, Petra Vollmer, Jürgen Müllberg, Eckhard Wolf, Gottfried Brem, Karl-Herman Meyer zum Büschenfelde, and Stefan Rose-John.*** The function of the soluble interleukin 6 (IL-6) receptor in vivo: sensitization of human soluble IL-6 receptor transgenic mice towards IL-6 and prolongation of the plasma half-life of IL-6

1407 ***Shida Yousefi, Daniel C. Hoessli, Kurt Blaser, Gordon B. Mills, and Hans-Uwe Simon.*** Requirement of Lyn and Syk tyrosine kinases for the prevention of apoptosis by cytokines in human eosinophils

1415 ***Rudolf Schmits, Thomas M. Kündig, Dianne M. Baker, Grace Shumaker, John J.L. Simard, Gordon Duncan, Andrew Wakeham, Arda Shahinian, Annette van der Heiden, Martin F. Bachmann, Pamela S. Ohashi, Tak W. Mak, and Dennis D. Hickstein.*** LFA-1–deficient mice show normal CTL responses to virus but fail to reject immunogenic tumor

1427 ***Laurie P. Shornick, Pietro De Togni, Sanjeev Mariathasan, Joseph Goellner, Jena Strauss-Schoenberger, Robert W. Karr, Thomas A. Ferguson, and David D. Chaplin.*** Mice deficient in IL-1β manifest impaired contact hypersensitivity to trinitrochlorobenzene

1437 ***Soon-Cheol Hong, Greg Waterbury, and Charles A. Janeway, Jr.*** Different superantigens interact with distinct sites in the Vβ domain of a single T cell receptor

1447 ***Fang-Ping Huang, Gui-Jie Feng, George Lindop, David I. Stott, and Foo Y. Liew.*** The role of interleukin 12 and nitric oxide in the development of spontaneous autoimmune disease in MRL/MP-*lpr*/*lpr* mice

1461 ***Alexander Kratz, Antonio Campos-Neto, Matthew S. Hanson, and Nancy H. Ruddle.*** Chronic inflammation caused by lymphotoxin is lymphoid neogenesis

1473 ***Luigi Biancone, Giuseppe Andres, Hannah Ahn, Alice Lim, Charlotte Dai, Randolph Noelle, Hideo Yagita, Cesare De Martino, and Ivan Stamenkovic.*** Distinct regulatory roles of lymphocyte costimulatory pathways on T helper type 2–mediated autoimmune disease

1483 ***Tetsuo Shiohara, Noriko Moriya, Jun Hayakawa, Shigeyoshi Itohara, and Hiromichi Ishikawa.*** Resistance to cutaneous graft-vs.-host disease is not induced in T cell receptor δ gene–mutant mice

1491 ***Arie A. Vink, Faith M. Strickland, Corazon Bucana, Patricia A. Cox, Len Roza, Daniel B. Yarosh, and Margaret L. Kripke.*** Localization of DNA damage and its role in altered antigen-presenting cell function in ultraviolet-irradiated mice

1501 ***Steffen Stenger, Norbert Donhauser, Heike Thüring, Martin Röllinghoff, and Christian Bogdan.*** Reactivation of latent leishmaniasis by inhibition of inducible nitric oxide synthase

1515 ***Patricia T. Bozza, Jennifer L. Payne, Jennifer L. Goulet, and Peter F. Weller.*** Mechanisms of platelet-activating factor–induced lipid body formation: requisite roles for 5-lipoxygenase and de novo protein synthesis in the compartmentalization of neutrophil lipids

1527 ***Jovana Gobin and Marcus A. Horwitz.*** Exochelins of *Mycobacterium tuberculosis* remove iron from human iron-binding proteins and donate iron to mycobactins in the *M. tuberculosis* cell wall

1533 ***Naoufal Zamzami, Santos A. Susin, Philippe Marchetti, Tamara Hirsch, Isabel Gómez-Monterrey, Maria Castedo, and Guido Kroemer.*** Mitochondrial control of nuclear apoptosis

1545 ***Bing Yang, Young S. Hahn, Chang S. Hahn, and Thomas J. Braciale.*** The requirement for proteasome activity in class I major histocompatibility complex antigen presentation is dictated by the length of preprocessed antigen

1553 ***Jack Brennan, Gwendolyn Mahon, Dixie L. Mager, Wilfred A. Jefferies, and Fumio Takei.*** Recognition of class I major histocompatibility complex molecules by Ly-49: specificities and domain interactions

1561 ***Jide Tian, Mark A. Atkinson, Michael Clare-Salzler, Alan Herschenfeld, Thomas Forsthuber, Paul V. Lehmann, and Daniel L. Kaufman.*** Nasal administration of glutamate decarboxylase (GAD65) peptides induces Th2 responses and prevents murine insulin-dependent diabetes

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1579 ***Leonidas Carayannopoulos, J. Mark Hexham, and J. Donald Capra.*** Localization of the binding site for the monocyte immunoglobulin (Ig) A-Fc receptor (CD89) to the domain boundary between Cα2 and Cα3 in human IgA1

1587 ***R.P. Junghans and T.A. Waldmann.*** Metabolism of Tac (IL2Rα): physiology of cell surface shedding and renal catabolism, and suppression of catabolism by antibody binding

1603 ***F.M. Marelli-Berg, R.E.G. Hargreaves, P. Carmichael, A. Dorling, G. Lombardi, and R.I. Lechler.*** Major histocompatibility complex class II–expressing endothelial cells induce allospecific nonresponsiveness in naive T cells

1613 ***Ram Raj Singh, Bevra H. Hahn, and Eli E. Sercarz.*** Neonatal peptide exposure can prime T cells and, upon subsequent immunization, induce their immune deviation: implications for antibody *vs.* T cell–mediated autoimmunity

1623 ***Emmanuelle Astoul, Mireille Lafage, and Monique Lafon.*** Rabies superantigen as a Vβ T-dependent adjuvant

1633 ***Claude Chavis, Isabelle Vachier, Pascal Chanez, Jean Bousquet, and Philippe Godard.*** 5(S),15(S)-dihydroxyeicosatetraenoic acid and lipoxin generation in human polymorphonuclear cells: dual specificity of 5-lipoxygenase towards endogenous and exogenous precursors

1645 ***Ricardo T. Gazzinelli, Alan Sher, Allen Cheever, Susan Gerstberger, Malcolm A. Martin, and Peter Dickie.*** Infection of human immunodeficiency virus 1 transgenic mice with *Toxoplasma gondii* stimulates proviral transcription in macrophages in vivo

1657 ***William M. Ridgway, Marcella Fassò, Andrea Lanctot, Chris Garvey, and C. Garrison Fathman.*** Breaking self-tolerance in nonobese diabetic mice

1663 ***Subhra Mohapatra, Xuiwei Yang, Jim A. Wright, Eva A. Turley, and Arnold H. Greenberg.*** Soluble hyaluronan receptor RHAMM induces mitotic arrest by suppressing Cdc2 and cyclin B1 expression

1669 ***Spyros A. Kalams, R. Paul Johnson, Mark J. Dynan, Kelly E. Hartman, Thomas Harrer, Ellen Harrer, Alicja K. Trocha, William A. Blattner, Susan P. Buchbinder, and Bruce D. Walker.*** T cell receptor usage and fine specificity of human immunodeficiency virus 1–specific cytotoxic T lymphocyte clones: analysis of quasispecies recognition reveals a dominant response directed against a minor in vivo variant

1681 ***Markus J. Maeurer, Dina Martin, Wolfgang Walter, Kaihong Liu, Laurence Zitvogel, Kathy Halusczcak, Hanna Rabinowich, Rene Duquesnoy, Walter Storkus, and Michael T. Lotze.*** Human intestinal $V\delta1^+$ T lymphocytes recognize tumor cells of epithelial origin

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1865 ***Kenjiro Matsuno, Taichi Ezaki, Shunsuke Kudo, and Yasuo Uehara.*** A life stage of particle-laden rat dendritic cells in vivo: their terminal division, active phagocytosis, and translocation from the liver to the draining lymph

1879 ***Tong Zhou, Jianhua Cheng, Pingar Yang, Zheng Wang, Changdan Liu, Xiao Su, Horst Bluethmann, and John D. Mountz.*** Inhibition of Nur77/Nurr1 leads to inefficient clonal deletion of self-reactive T cells

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1911 ***Akihiko Muto, Sumiko Watanabe, Atsushi Miyajima, Takashi Yokota, and Ken-ichi Arai.*** The β subunit of human granulocyte-macrophage colony-stimulating factor receptor forms a homodimer and is activated via association with the α subunit

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1947 ***John Ashkenas and Zena Werb.*** Proteolysis and the biochemistry of life-or-death decisions

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1957 ***Livia Casciola-Rosen, Donald W. Nicholson, Tae Chong, Kevin R. Rowan, Nancy A. Thornberry, Douglas K. Miller, and Antony Rosen.*** Apopain/CPP32 cleaves proteins that are essential for cellular repair: a fundamental principle of apoptotic death

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2033 ***Edina Schweighoffer and B.J. Fowlkes.*** Positive selection is not required for thymic maturation of transgenic γδ T cells

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2053 ***Andrew H. Liu, Prasanna K. Jena, and Larry J. Wysocki.*** Tracing the development of single memory-lineage B cells in a highly defined immune response

2065 ***Li Zhang, Richard G. Miller, and Jinyi Zhang.*** Characterization of apoptosis-resistant antigen-specific T cells in vivo

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2087 ***Christopher A. Scott, K. Christopher Garcia, Frank R. Carbone, Ian A. Wilson, and Luc Teyton.*** Role of chain pairing for the production of functional soluble IA major histocompatibility complex class II molecules

2097 ***Dario A.A. Vignali, Richard T. Carson, Bernard Chang, Robert S. Mittler, and Jack L. Strominger.*** The two membrane proximal domains of CD4 interact with the T cell receptor

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2129 ***Persephone Borrow, Antoinette Tishon, Sherina Lee, Jianchao Xu, Iqbal S. Grewal, Michael B.A. Oldstone, and Richard A. Flavell.*** CD40L-deficient mice show deficits in antiviral immunity and have an impaired memory $CD8^+$ CTL response

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2165 ***Mary S. Asano and Rafi Ahmed.*** CD8 T cell memory in B cell–deficient mice

2175 ***Thomas B. Issekutz, Masayuki Miyasaka, and Andrew C. Issekutz.*** Rat blood neutrophils express very late antigen 4 and it mediates migration to arthritic joint and dermal inflammation

2185 ***Akihiro Imura, Toshiyuki Hori, Kazunori Imada, Takayuki Ishikawa, Yuetsu Tanaka, Michiyuki Maeda, Sadao Imamura, and Takashi Uchiyama.*** The human OX40/gp34 system directly mediates adhesion of activated T cells to vascular endothelial cells

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2235 ***Floyd H. Chilton, Francis J. Averill, Walter C. Hubbard, Alfred N. Fonteh, Massimo Triggiani, and Mark C. Liu.*** Antigen-induced generation of lyso-phospholipids in human airways

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2259 ***Martin F. Bachmann, Bernhard Odermatt, Hans Hengartner, and Rolf M. Zinkernagel.*** Induction of long-lived germinal centers associated with persisting antigen after viral infection

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2283 ***Warren S. Pear, Jon C. Aster, Martin L. Scott, Robert P. Hasserjian, Benny Soffer, Jeffrey Sklar, and David Baltimore.*** Exclusive development of T cell neoplasms in mice transplanted with bone marrow expressing activated *Notch* alleles

2293 ***Susan Nicholson, Maria da Glória Bonecini-Almeida, Jose Roberto Lapa e Silva, Carl Nathan, Qiao-wen Xie, Richard Mumford, Jeffrey R. Weidner, Jimmy Calaycay, Jiayuan Geng, Neio Boechat, Cristiane Linhares, William Rom, and John L. Ho.*** Inducible nitric oxide synthase in pulmonary alveolar macrophages from patients with tuberculosis

2303 ***Kai-Michael Toellner, Adam Gulbranson-Judge, Dale R. Taylor, Daniel Man-Yuen Sze, and Ian C.M. MacLennan.*** Immunoglobulin switch transcript production in vivo related to the site and time of antigen-specific B cell activation

2313 ***D.A. Fulcher, A.B. Lyons, S.L. Korn, M.C. Cook, C. Koleda, C. Parish, B. Fazekas de St. Groth, and A. Basten.*** The fate of self-reactive B cells depends primarily on the degree of antigen receptor engagement and availability of T cell help

2329 ***Daniel C. Bullard, Eric J. Kunkel, Hiroshi Kubo, M. John Hicks, Isabel Lorenzo, Nicholas A. Doyle, Claire M. Doerschuk, Klaus Ley, and Arthur L. Beaudet.*** Infectious susceptibility and severe deficiency of leukocyte rolling and recruitment in E-selectin and P-selectin double mutant mice

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2343 ***Martin R. Weiser, Julian P. Williams, Francis D. Moore, Jr., Lester Kobzik, Minghe Ma, Herbert B. Hechtman, and Michael C. Carroll.*** Reperfusion injury of ischemic skeletal muscle is mediated by natural antibody and complement

2349 ***Bruce L. Daugherty, Salvatore J. Siciliano, Julie A. DeMartino, Lorraine Malkowitz, Anna Sirotina, and Martin S. Springer.*** Cloning, expression, and characterization of the human eosinophil eotaxin receptor

2355 ***Satoshi Noda, Atsushi Kosugi, Shin-ichiroh Saitoh, Seiji Narumiya, and Toshiyuki Hamaoka.*** Protection from anti-TCR/CD3–induced apoptosis in immature thymocytes by a signal through thymic shared antigen-1/stem cell antigen-2

2361 ***Jürgen C. Becker, James D. Pancook, Stephen D. Gillies, Koichi Furukawa, and Ralph A. Reisfeld.*** T cell–mediated eradication of murine metastatic melanoma induced by targeted interleukin 2 therapy

2367 ***Michel Le Hir, Horst Bluethmann, Marie H. Kosco-Vilbois, Matthias Müller, Franco di Padova, Mark Moore, Bernhard Ryffel, and Hans-Pietro Eugster.*** Differentiation of follicular dendritic cells and full antibody responses require tumor necrosis factor receptor-1 signaling

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